MA 406 Differential equations

Instructor:	**Dr. David Brown**
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Office Hours:	M-F 10:00
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Textbook: *Advanced Engineering Mathematics by Zill and Wright, 4th edition*

Calculator:

TI 89 or TI CAS Nspire

Catalog Description:

MA 406. Ordinary Differential Equations, methods of solutions and applications, higher order linear equations, series solutions, systems of linear equations, Laplace transforms, and numerical solutions.

Biblical Mandate and Course Objectives:

Schedule and Homework:

Grading Scale:

90% - 100 %	A
80% - 90%	B
70% - 80%	C
60% - 70%	D

Grade Distribution: The grade will be based approx. on the following,

1.	Chapter 1a quiz	30 pts.
2.	Chapter 1a H.W.	10 pts.
2.	Chapter 2 Test	100 pts.
3.	Chapter 2 H.W.	20 pts.
4.	Chapter 2 Take Home	50 pts
5.	Chapter 3 quiz	30 pts.
6.	Chapter 3 Test	100 pts.
7.	Chapter 3 H.W.	30 pts.
8.	Chapter 3 Take Home.	50 pts
9.	Chapter 4 Quest	40 pts.
10.	Chapter 4 H.W.	20 pts.
11.	Chapter 10 Test	100 pts.
12.	Chapter 10 H.W.	20 pts.
13.	Chapter 10 Take Home	50 pts
14.	Final Exam	150 pts
	Total	800 pts.